

Paul Albon

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LINKS

[LinkedIn](#), [Portfolio](#), [GitHub](#)

PROFILE

Passionate software developer with a degree in Games Technology from Coventry University. Skilled in AI, Python, C#, C++, Javascript, and game development tools like Unity, SDL2, and Box2D. Experienced in software development and game engines, including their design and implementation. Developed innovative projects leveraging procedural generation and quantum computing. Committed to creating impactful solutions and advancing technology. Eager to join a forward-thinking team to drive innovative projects.

EMPLOYMENT HISTORY

Mar 2022 — Present

Freelance Web Developer, Sharkmedia

- Worked on **MedDesk**, an online healthcare management platform, focusing on frontend and backend development (Python/Django/JS/Angular), to ensure a user-friendly interface and secure handling of patient data.
- Developed a **real estate CMS** to sort and filter different properties, utilizing a customizable boilerplate framework for quick deployment and efficient data handling (Python/Django/JS/Angular).
- Built websites using the LAMP stack (Linux/Apache/MySQL/PHP), employing HTML/CSS and JavaScript frameworks like Angular and React for frontend development.
- Worked extensively with CMS platforms such as **Magento** and **WordPress**, customizing themes, plugins, and performing integrations to meet client needs.
- Collaborated closely with clients to meet project specifications, ensuring high standards for usability and performance.

Jul 2024 — Present

Freelance Software Developer, Pagan LC

- Contributed to the chipStar project (C/C++), which involves CUDA-to-OpenCL conversion for cross-platform compatibility.
- Worked on performance optimization, bug fixing, and adding new features, ensuring alignment with project goals and best practices.
- Participated in benchmarking, debugging, and memory management for chipStar, a high-performance computing project.

May 2020 — Oct 2021

Call Centre Operator, Sitel

Coventry

- Conducted in-depth interviews with COVID-19 positive individuals as part of the NHS Test and Trace initiative.
- Investigated the prior two weeks of infected individuals' activities and interactions to identify potential sources and patterns of transmission.
- Played a pivotal role in ensuring public health safety by identifying and addressing potential transmission hotspots. Coventry

Dec 2019 — Present

Fundraiser, Smile Ltd

Coventry

- Engaged with donors and supporters, honing the ability to convey the significance of the cause and secure contributions.
- Successfully raised funds for various projects, demonstrating a strong commitment to social betterment.
- Utilized the role to enhance English language skills, including effective communication and persuasive techniques.

SKILLS

Javascript

Python

Node.js

Physics

TypeScript

Simulations

Backend Development

Algorithm Design

Databases

Software Architecture

Testing

Nvidia CUDA

Game Engine

Serialization

Artificial Intelligence

C#

C++

Software Design Patterns

Software Engineering

Video Game Development

EDUCATION

Sep 2019 — Jun 2024

BSc (HONS), Coventry University

Coventry

Course: Games Technology

Sep 2016 — Jun 2019

Baccalaureate (A Levels), C. N. Dr. Ioan Mesota

Brasov

Profile: Mathematics and Computer Science

LANGUAGES

English

C1

Romanian

Native speaker